

FIG.1

EXAMPLE OF DVD-R IN WHICH
PRE-PIT IS FORMED ON LAND TRACK

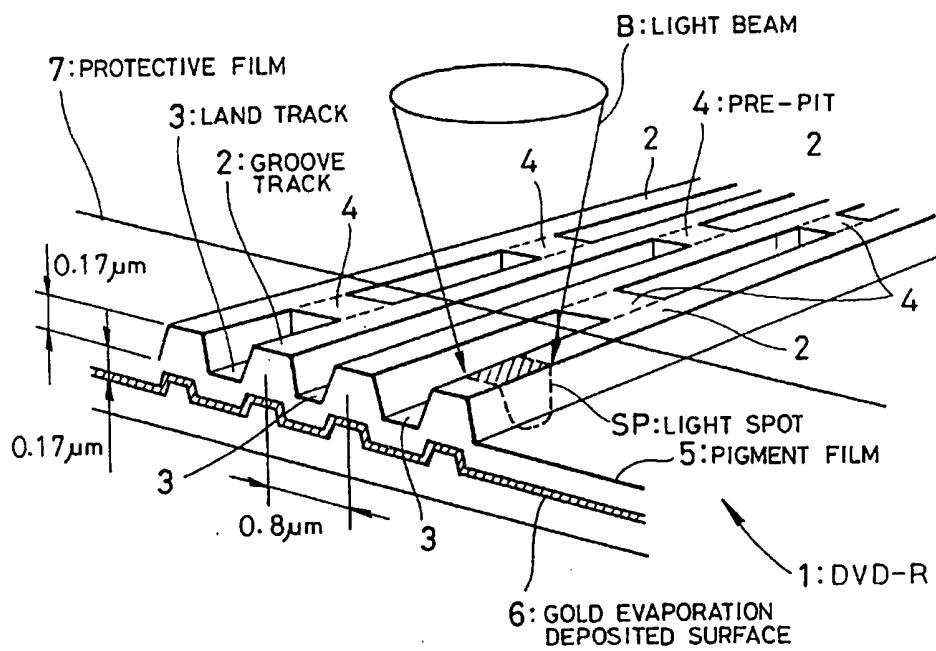
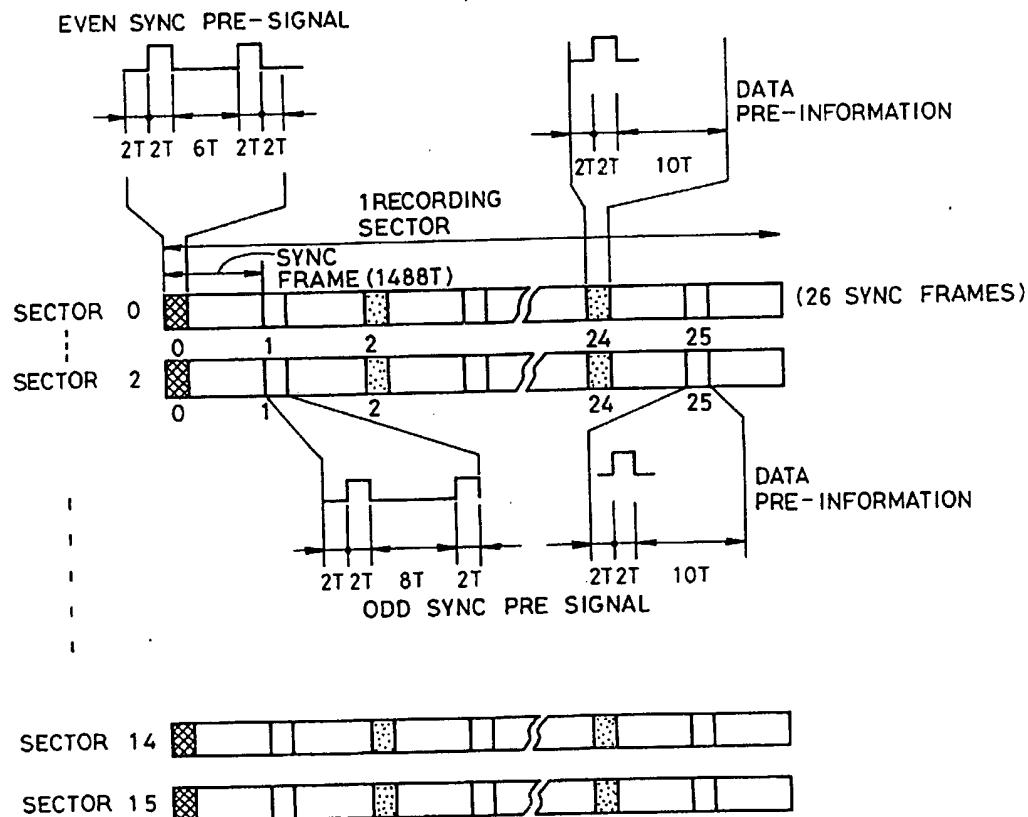


FIG. 2

RECORDING FORMAT OF
PRE-INFORMATION OR
RECORDING INFORMATION

- EVEN FRAME
- ODD FRAME
- SYNC SIGNAL

SECTOR 0: RECORDED IN
EVEN FRAME
SECTOR 2: RECORDED IN
ODD FRAME

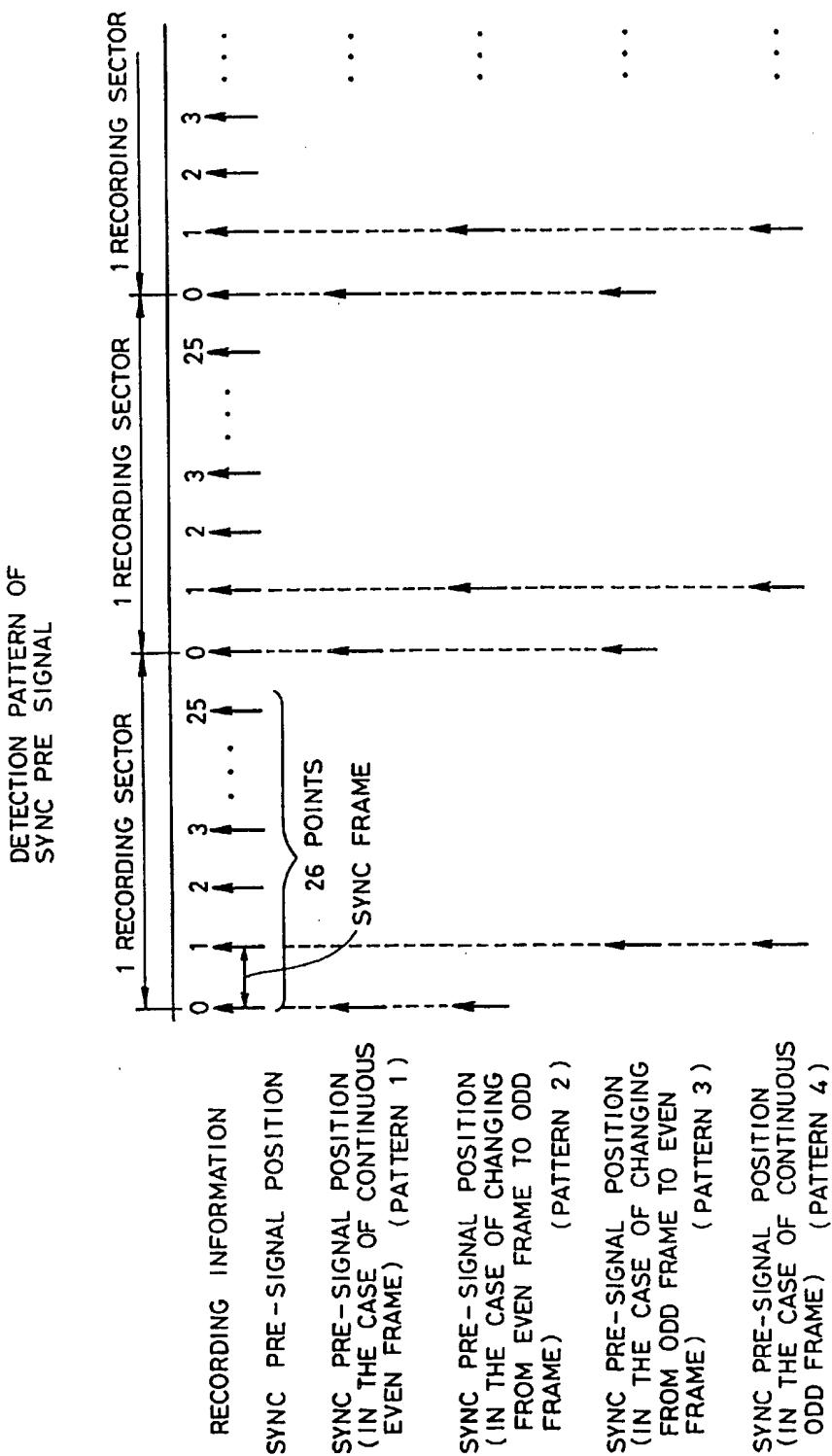
FIG. 3

FIG. 4

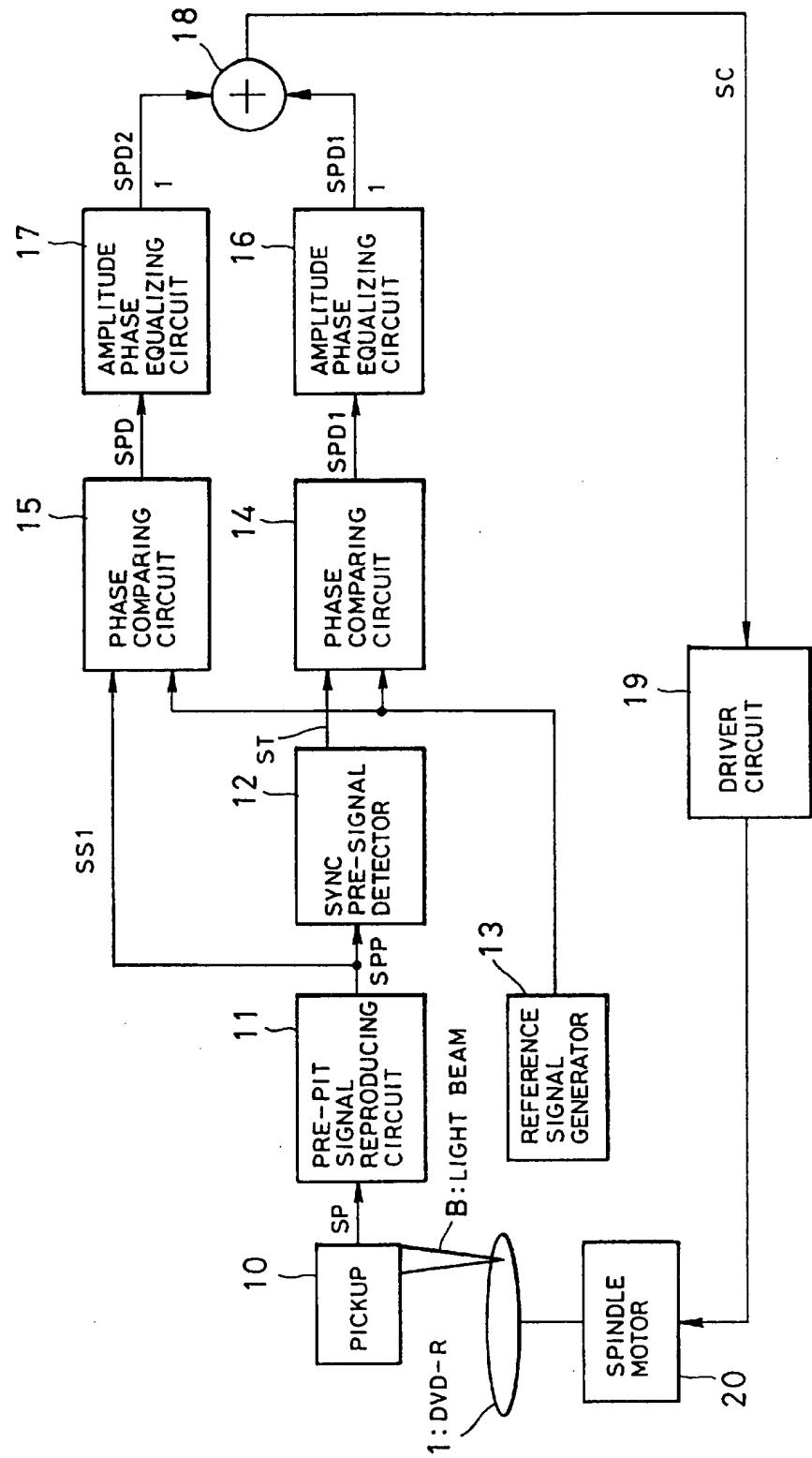


FIG. 5

SCHEMATIC CONSTRUCTION OF PICKUP AND PRE-PIT SIGNAL GENERATOR OF EMBODIMENT

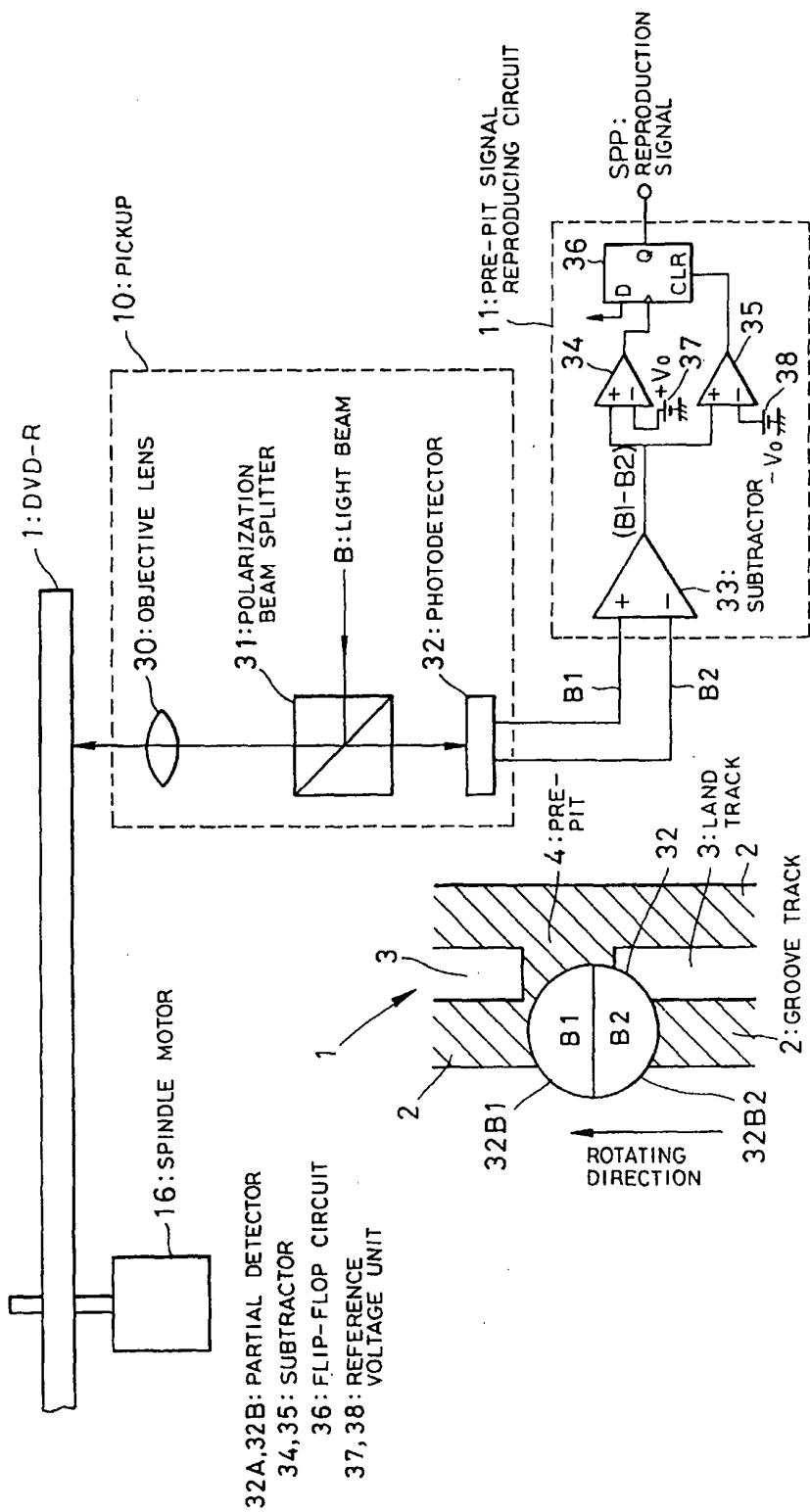


FIG. 6A

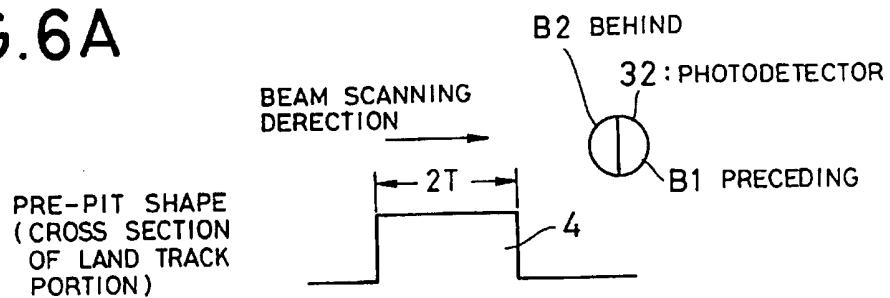


FIG. 6B

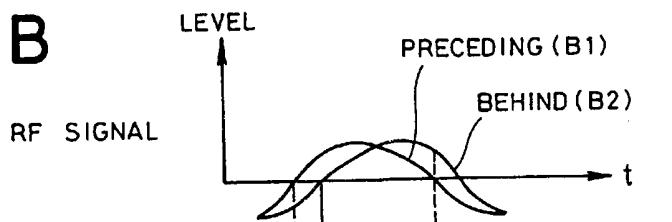


FIG. 6C

TANGENTIAL AND
PUSH-PULL SIGNAL
(-)

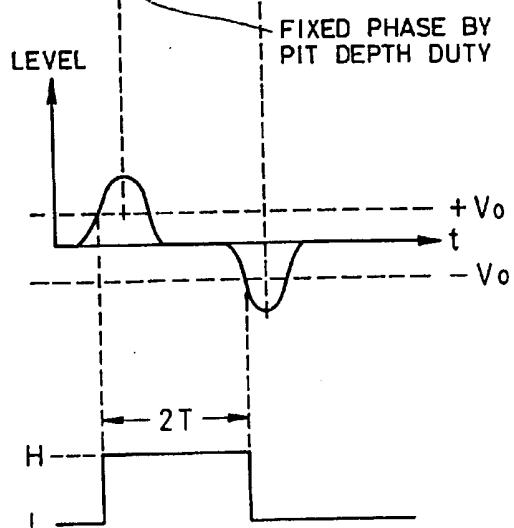


FIG. 6D

SPP

WEST

FIG. 7
PHASE COMPARING CIRCUIT 14

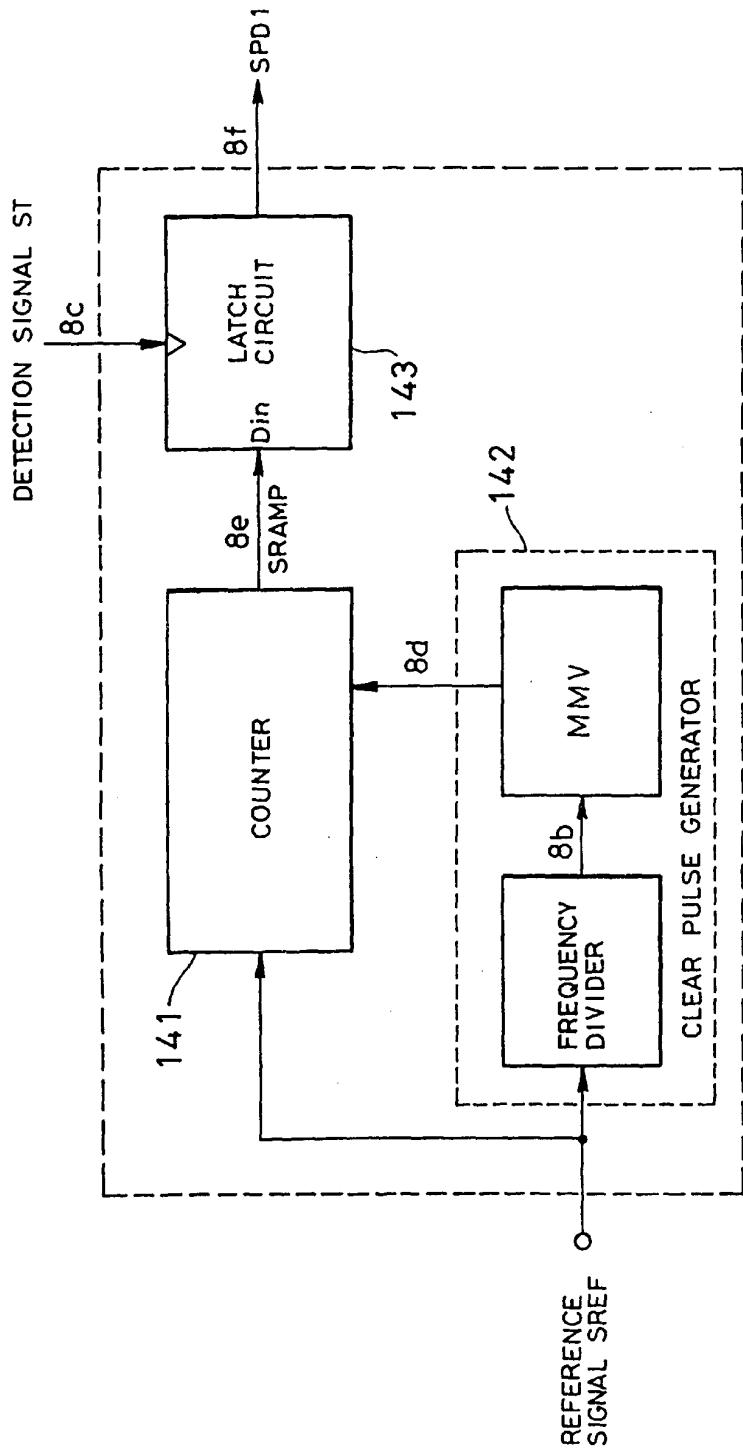


FIG. 8
PHASE COMPARING CIRCUIT 15

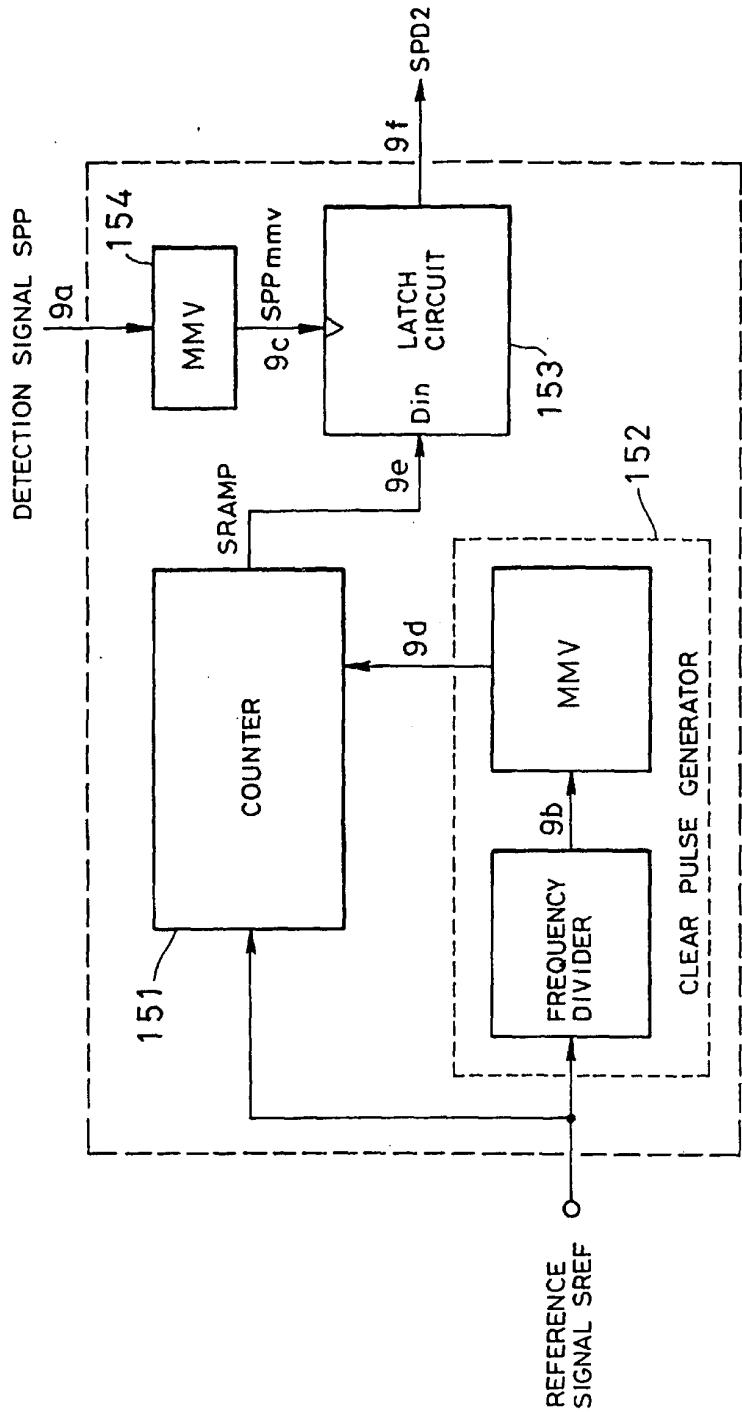


FIG. 9A

FIG. 9B

FIG. 9C

FIG. 9D

FIG. 9E

FIG. 9F

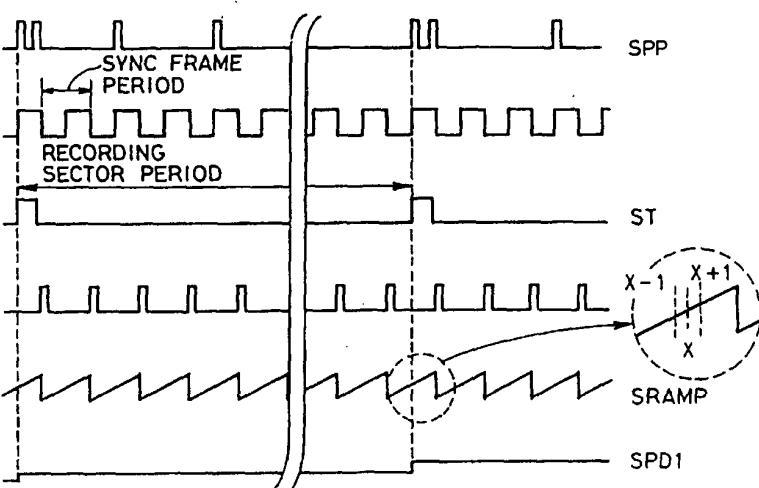


FIG. 10A

FIG. 10B

FIG. 10C

FIG. 10D

FIG. 10E

FIG. 10F

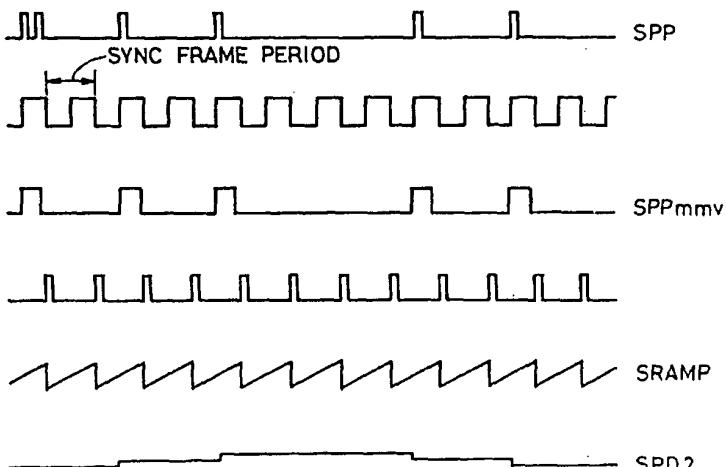


FIG.11

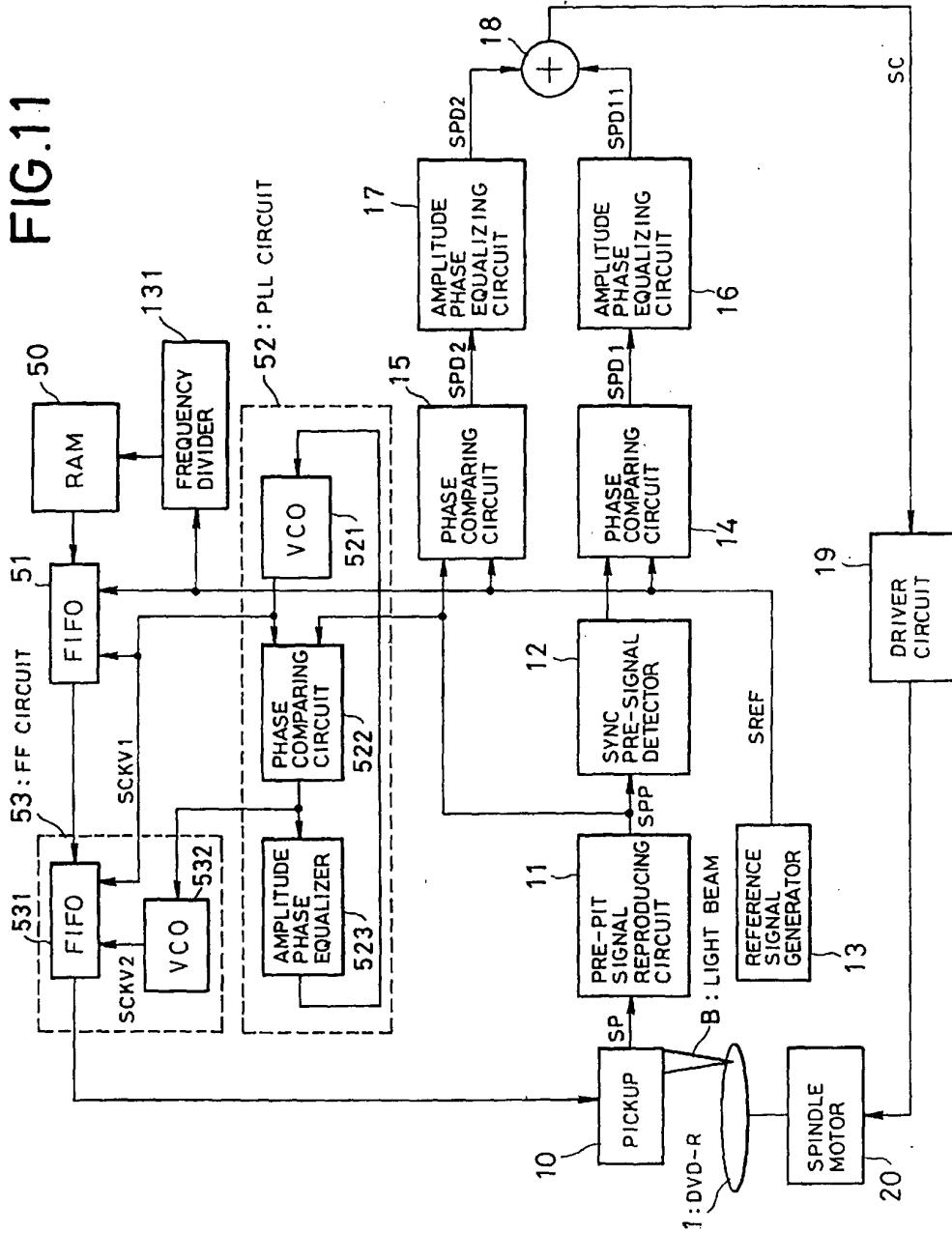


FIG.12
PHASE COMPARING CIRCUIT 522

